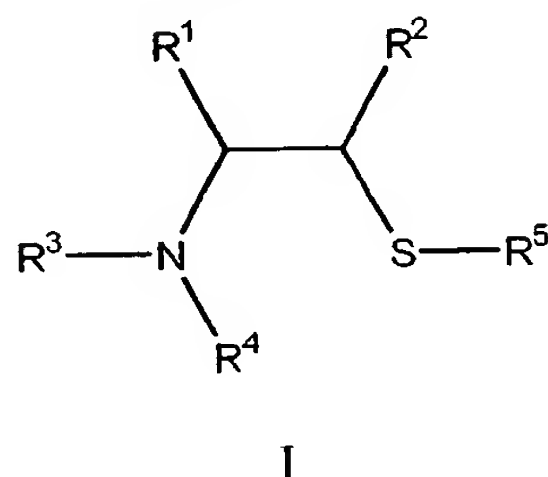


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An aminothiol compounds, having a general formula I,



wherein R^1 - R^5 are substitutable ligands; and
 R^1 is aryl or alkyl of C2-C9;
 R^2 is aryl or alkyl of C1-C9;
 R^3 is alkyl of C1-C9;
 R^4 is alkyl of C1-C9; or
 R^3 , R^4 and N form a cycle; and
 R^5 is H or alkyl of C1-C6.

Claims 2-12 (canceled)

Claim 13 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 12, wherein R^3 , R^4 and N form a three-to-eight- membered heterocycle.

Claim 14 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 12, wherein R^3 , R^4 , O and N form a ring by means of morpholine.

Claim 15 (currently amended) The aminothiol compounds ~~and acylated derivatives thereof~~ as claimed in claim 1, wherein R^3 , R^4 , O and N form a ring by means of morpholine.

Claim 16 (currently amended) The aminothiol compounds ~~and acylated~~

~~derivatives thereof~~ as claimed in claim 1, which are chiral ligands capable of reacting with organic metal compounds to form metal complexes and then react as alkylmetal with carbonyl compounds to produce ~~alkylmetal~~ chiral alcohols in asymmetric addition reactions.

Claim 17 (currently amended) The aminothiols compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said carbonyl compound is aldehyde.

Claim 18 (currently amended) The aminothiols compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said carbonyl compound is ketone.

Claim 19 (currently amended) The aminothiols compounds ~~and acylated derivatives thereof~~ as claimed in claim 16, wherein said organic metal is Zn, Cu, or Ti.